02-22-02

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No	CISCO-4979
First Inventor	Sang Hyeon Baeg
Title	Test Buffer Design and Interface Mechanism for Differential Receiver AC/DC Boundary Scan Test
Express Mail Label No.	EL839722712US

jc887 U.S. PTO 02/20/02

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [*Total Pages* 25]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings *(if filed)*
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) *(35 U.S.C.113)* [*Total Sheets* 9]

5. Oath or Declaration [*Total Pages* 4]
  a. ☒ Newly executed (original or copy)
  b. ☐ Copy from a prior application (37 CFR 1.63 (d))
     (for a continuation/divisional with Box 18 completed)
     i. ☐ DELETION OF INVENTOR(S)
        Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  a. ☐ Computer Readable Form (CRF)
  b. Specification Sequence Listing on:
     i. ☐ CD-ROM or CD-R (2 copies); or
     ii. ☐ paper
  c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R.§3.73(b) Statement ☒ Power of *(when there is an assignee)* Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*

☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP)   of prior application No: _____ /

Prior application information: Examiner _____   Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ *Customer Number or Bar Code Label*   or ☐ Correspondence address below
(Insert Customer No or Attach bar code label here)

Name	David B. Ritchie
	Thelen Reid & Priest LLP
Address	P. O. Box 640640

City	San Jose	State	CA	Zip Code	95164-0640
Country	USA	Telephone	408-292-5800	Fax	408-287-8040

Name (Print/Type)	David B. Ritchie	Registration No. (Attorney/Agent)	31,562
Signature		Date	2/20/2002

SV #104384 v1

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known	
Application Number	
Filing Date	February 2o, 2002
First Named Inventor	Sang Hyeon Baeg
Examiner Name	
Group / Art Unit	

TOTAL AMOUNT OF PAYMENT | ($) 882 | Attorney Docket No. | CISCO-4979

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-1698

Deposit Account Name: Thelen Reid & Priest LLP

The Commissioner is authorized to: *(check all that apply)*
☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee**
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filling fee	

SUBTOTAL (1) ($) 740

2. EXTRA CLAIM FEES

		Extra Claims		Fee from below		Fee Paid
Total Claims	21	-20 ** =	1	X	18	= 18
Independent Claims	4	-3 ** =	1	X	84	= 84
Multiple Dependent				X		= 0

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 102

**or number previously paid, if greater; For Reissues, see above

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FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee ($)	Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,280	241	640	Petition to revive – unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1 17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** ($) 40

SUBMITTED BY			**Complete (if applicable)**		
Name (Print/Type)	David B. Ritchie	Registration No. Attorney/Agent	31,562	Telephone	408-292-5800
Signature				Date	2/20/2002

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor	Sang Hyeon Baeg
	Title	Test Buffer Design and Interface Mechanism for Differential Receiver AC/DC Boundary Scan Test
	Atty Docket Number	CISCO-4979

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

_____
Date
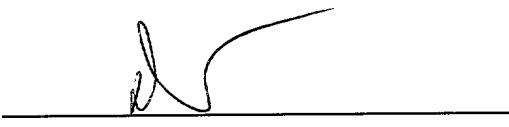
_____
Signature

David B. Ritchie, Reg.No. 31,562
_____
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Baeg et cl.

SERIAL NO.:   [not yet assigned]

FILING DATE: February 20 , 2002

TITLE: TEST BUFFER DESIGN AND INTERFACE MECHANISM FOR

                  DIFFERENTIAL RECEIVER AC/DC BOUNDARY SCAN TEST

EXAMINER: [not yet assigned]

ART UNIT: [not yet assigned]

CERTIFICATE OF MAILING

Express Mail" mailing label no.: EL839722712US

Date of Deposit: February 20, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail
Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to·
Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231, on the date printed below:

Name: _Diane Morse_
Diane Morse

BOX ASSIGNMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

TRANSMITTAL LETTER

Attached hereto for filing are the following:

1.   Executed assignment by the inventor to assignee, Cisco Technology, Inc.,

and cover sheet; and

The Commissioner is hereby authorized to charge our Deposit Account 50-1698

for the required fees.

In the event any additional fee is required for filing the above-noted document,

including any fees required under 37 CFR 1.136 for any necessary Extension of Time to

make the filing of the attached document timely, the Commissioner is hereby authorized

to charge the fee to our Deposit Account No. 50-1698. A duplicate copy of this page is

enclosed.

Respectfully submitted,
THELEN REID & PRIEST LLP
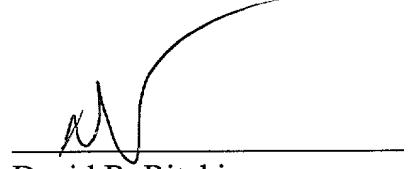
Dated: February 20, 2002

David B. Ritchie
Reg. No. 31,562

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